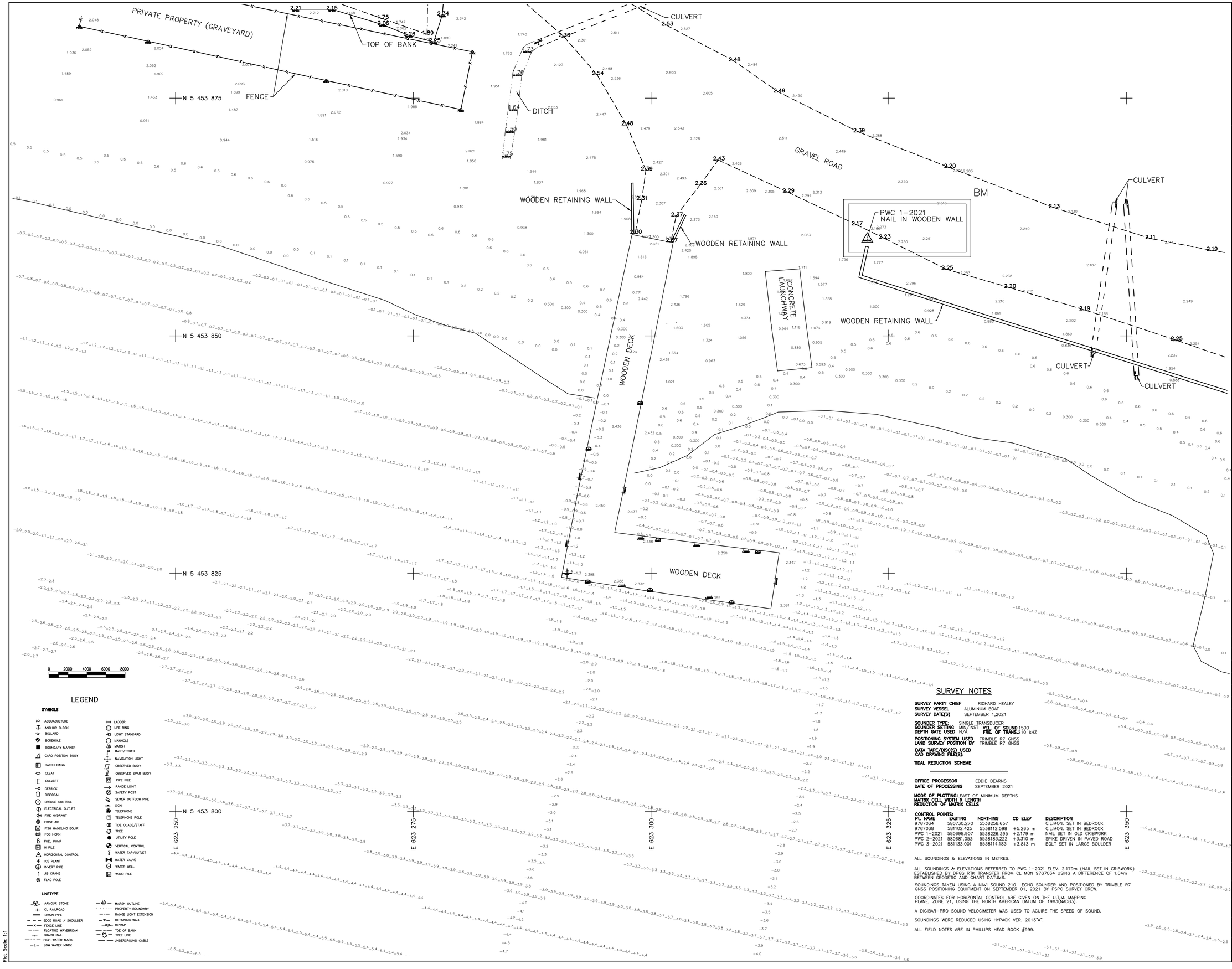

LEGEND

SYMBOLS

- ACQUACULTURE
- ANCHOR BLOCK
- BOLLARD
- BOREHOLE
- BOUNDARY MARKER
- CARD POSITION BUOY
- CATCH BASIN
- CLEAT
- CULVERT
- DERRICK
- DISPOSAL
- DREDGE CONTROL
- ELECTRICAL OUTLET
- FIRE HYDRANT
- FIRST AID
- FISH HANDLING EQUIP.
- FOG HORN
- FUEL PUMP
- H PILE
- HORIZONTAL CONTROL
- ICE PLANT
- INVERT PIPE
- JIB CRANE
- FLAG POLE
- LADDER
- LIFE RING
- LIGHT STANDARD
- MANHOLE
- MARSH
- MAST/TOWER
- NAVIGATION LIGHT
- OBSERVED BUOY
- OBSERVED SPAR BUOY
- PIPE PILE
- RANGE LIGHT
- SAFETY POST
- SEWER OUTFLOW PIPE
- SIGN
- TELEPHONE
- TELEPHONE POLE
- TIDE GUAGE/STAFF
- TREE
- UTILITY POLE
- VERTICAL CONTROL
- WATER TAP/OUTLET
- WATER VALVE
- WATER WELL
- WOOD PILE

LINETYPE

- ARMOUR STONE
- CL RAILROAD
- DRAIN PIPE
- EDGE ROAD / SHOULDER
- FENCE LINE
- FLOATING WAVEBREAK
- GUARD RAIL
- HIGH WATER MARK
- LOW WATER MARK
- MARSH OUTLINE
- PROPERTY BOUNDARY
- RANGE LIGHT EXTENSION
- RETAINING WALL
- RIPRAP
- TOE OF BANK
- TREE LINE
- UNDERGROUND CABLE

SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) SEPTEMBER 1,2021

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1500
DEPTH GATE USED N/A **FRE. OF TRANS.** 210 kHZ

POSITIONING SYSTEM USED TRIMBLE R7 GNSS
LAND SURVEY POSITION BY TRIMBLE R7 GNSS

DATA TAPE/DISC(S) USED
CAD DRAWING FILE(S):

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING SEPTEMBER 2021

MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH
REDUCTION OF MATRIX CELLS

CONTROL POINTS:

PL NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
97G7034	580730.270	5538258.657		C.L.MON. SET IN BEDROCK
97G7038	581102.425	5538112.598	+5.265 m	C.L.MON. SET IN BEDROCK
PWC 1–2021	580698.907	5538226.395	+2.179 m	NAIL SET IN OLD CRIBWORK
PWC 2–2021	580681.053	5538183.222	+3.310 m	SPIKE DRIVEN IN PAVED ROAD
PWC 3–2021	581133.001	5538114.183	+3.813 m	BOLT SET IN LARGE BOULDER

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO PWC 1–2021 ELEV. 2.179m (NAIL SET IN CRIBWORK) ESTABLISHED BY DFOS RTK TRANSFER FROM CL MON 97G7034 USING A DIFFERENCE OF 1.04m BETWEEN GEODETIC AND CHART DATUMS.

SOUNDINGS TAKEN USING A NAVI SOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE R7 GNSS POSITIONING EQUIPMENT ON SEPTEMBER 01, 2021 BY PSPC SURVEY CREW.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 21, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).

A DIGIBAR–PRO SOUND VELOCIMETER WAS USED TO ACUIRE THE SPEED OF SOUND.

SOUNDINGS WERE REDUCED USING HYPACK VER. 2013"A".

ALL FIELD NOTES ARE IN PHILLIPS HEAD BOOK #999.

Fisheries and Oceans Canada / Pêches et Océans Canada

SMALL CRAFT HARBOURS

NOTES

1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
3. DO NOT SCALE FROM DRAWINGS.
4. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO PROCEEDING WITH ANY PORTION OF THIS WORK.

REGISTERED PROFESSIONAL ENGINEER — PROVINCE OF NEWFOUNDLAND
R. T. BAILEY
SIGNATURE
2022.04.26
DATE

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEGL
PERMIT HOLDER
This Permit Allows
JEWER BAILEY CONSULTANTS ULC
MIRC:
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG N0540
which is valid for the year 2022.

C	ISSUED FOR TENDER	APR. 26 2022
B	ISSUED FOR 99% REVIEW	APR. 21 2022
A	ISSUED FOR 66% REVIEW	FEB. 23 2022
revisions		date

project / projet

WHARF RECONSTRUCTION

PHILLIPS HEAD, NL

drawing / dessin

SOUNDING AND TOPOGRAPHIC SURVEY

designed	R. BAILEY
date	JANUARY 2022
drawn	G. MARSH
date	JANUARY 2022
approved	

tender / soumission
Fudge, Peter
DFO Project Manager
Digitally signed by Fudge, Peter
DN: C=CA, O=GC, OU=DFO-MPO, CN=Fudge, Peter
Reason: I have reviewed this document
Location: St. John's, NL
Date: 2022-04-26 13:27:23

project number / no. du projet: C2–00208

drawing no. / no. du dessin: C1 OF 12

Plot Scale= 1:1